

PTO-1449 REPRODUCED  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  April 13, 2004  (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3239.1006-001	APPLICATION NO. 10/824674	
	FIRST NAMED INVENTOR Raanan A. Miller		FILING DATE 04/14/04
	EXAMINER LAM NGUYEN	CONFIRMATION NO.	GROUP 2853

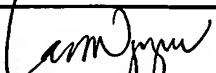
U.S. PATENT DOCUMENTS				
EXAM- INER INT- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
LN	AA	5,420,424	05-30-1995	Carnahan <i>et al.</i>
LN	AB	5,455,417	10-03-1995	Sacristan
LN	AC	5,536,939	07-16-1996	Freidhoff <i>et al.</i>
LN	AD	5,723,861	03-03-1998	Carnahan <i>et al.</i>
LN	AE	5,763,876	06-09-1998	Pertinarides <i>et al.</i>
LN	AF	5,789,745	08-04-1998	Martin <i>et al.</i>
LN	AG	5,736,739	04-07-1998	Uber <i>et al.</i>
LN	AH	5,801,379	09-01-1998	Kouznetsov
LN	AI	5,834,771	11-10-1998	Yoon <i>et al.</i>
LN	AJ	5,965,882	10-12-1999	Megerle <i>et al.</i>
LN	AK	6,051,832	04-08-2000	Bradshaw
LN	AA2	6,512,224	01/28/2003	Miller <i>et al.</i>

FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
LN	AL	WO 00/08454	02-17-2000	National Research Council Canada	
LN	AM	WO 00/08455	02-17-2000	National Research Council Canada	
LN	AN	WO 00/08456	02-17-2000	National Research Council Canada	
LN	AO	WO 00/08457	02-17-2000	National Research Council Canada	
LN	AP	SU 1405489A1	06-10-1998	Buryakov <i>et al.</i>	
LN	AQ	SU 966583	10-15-1982	Gorshkov MP	
LN	AL2	SU 1337934 A2	09-15-1987	Buryakov <i>et al.</i> (Abstract)	
LN	AM2	SU 1412447 A1	06-10-1998	Buryakov <i>et al.</i> (Abstract)	
LN	AN2	SU 1485808 A1	10-06-1998	Buryakov <i>et al.</i> (Abstract)	
LN	AO2	SU 1627984 A2	07-20-1988	(Abstract)	

EXAMINER Lam Nguyen	DATE CONSIDERED 07/25/2005
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	EXAMINER LAM NGUYEN	CONFIRMATION NO.	GROUP 2853	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
LN	AR	Buryakov, I.A., <i>et al.</i> , "A New Method of Separation of Multi-Atomic Ions by Mobility at Atmospheric Pressure Using a High-Frequency Amplitude-Asymmetric Strong Electric Field," <i>International J. Mass. Spectrometry and Ion Processes</i> , 128: 143-148 (1993).
LN	AS	Buryakov, I.A., <i>et al.</i> , "Separation Ions According to Mobility in a Strong ac electric Field," <i>Sov. Tech. Phys. Lett.</i> , 17(6): 446-447 (1991). Appears to be English translation of attached Russian reference (Pisma v ZTF, v.17, N12, p. 60 (1991)).
LN	AT	Buryakov, I.A., <i>et al.</i> , "Drift Spectrometer for the Control of Amine Traces in the Atmosphere," <i>J. Analytical Chem.</i> , 48(1): 156-165 (1993). Appears to be English translation of attached Russian reference (Zhurnal Anal. Chim., 48:N1, p. 156 (1993)).
LN	AU	Carnahan, B., <i>et al.</i> , "Field Ion Spectrometry - A New Analytical Technology for Trace Gas Analysis," <i>ISA Paper</i> 96-009: 87-96 (1996).
LN	AV	Guevremont, Roger and Purves, Randy W., "High Field Asymmetric Waveform Ion Mobility Spectrometry-Mass Spectrometry: An Investigation of Leucine Enkephalin Ions Produced by Electrospray Ionization," <i>J. Am. Soc. Mass. Spectrom.</i> , 10: 492-501 (1999).
LN	AW	Handy, Russell, <i>et al.</i> , "Determination of nanomolar levels of perchlorate in water by ESI-FAIMS-MS," <i>JAAS</i> , 15: 907-911 (2000).
LN	AX	Miller, R.A., <i>et al.</i> , "A Novel Micromachined High-Field Asymmetric Waveform Ion Mobility Spectrometer," Dept of Chem. And Biochem., New Mexico State University, October 10, 1999
LN	AY	Verenchikov, A.N., <i>et al.</i> , Analysis ions in solutes by gaseous ion analyzer. "Chemical Analysis of the Environmental Objects," red. Malakhov. Novosibirsk, Nauka, pp. 127-134(1991).
LN	AZ	Buryakov, I.A., <i>et al.</i> , Devices and Methods of the Gaseous Electrophoresis. "Chemical Analysis of the Environmental Objects," red. Malakhov. Novosibirsk, Nauka, pp. 113-127 (1991).
LN	AR2	I.A. Burykov, <i>et al.</i> , "Device And Method For Gas Electrophoresis," <i>Chemical Analysis of Environment</i> , edit. Prof. V.V. Malakhov, Novosibirsk: Nauka, 1991, p. 113-127
LN	AS2	A.N. Verenchikov, <i>et al.</i> , "Analysis Of Ionic Composition Of Solutions Using An Ion Gas Analyzer," <i>Chemical Analysis of Environment</i> , edit. Prof. V.V. Malakhov, Novosibirsk: Nauka, 1991, pp. 127-134

EXAMINER 	DATE CONSIDERED 07/25/05
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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/824674	
			Filing Date	April 14, 2004	
			First Named Inventor	Raanan A. Miller	
			Art Unit	2853	
			Examiner Name	Not Yet Assigned LAM NG/VCN	
Sheet	1	of	2	Attorney Docket Number	SION-P02-006

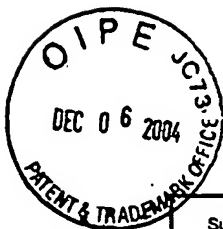
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LN	AA	US-2003/0052263-A1	03-20-2003	Kaufman et al.	250/281
LN	AB	US-2003/0132380-A1	07-17-2003	Miller et al.	250/286
LN	AC	US-6,639,212	10-28-2003	Guevremont	250/282
LN	AD	US-6,653,627	11-25-2003	Guevremont	250/288
LN	AE	US-6,690,004	02-10-2004	Miller et al.	250/286
LN	AF	US-6,703,609	03-09-2004	Guevremont	250/287
LN	AG	US-6,713,758	03-30-2004	Guevremont	250/290
LN	AH	US-2004/0094704-A1	05-20-2004	Miller et al.	250/287
LN	AI	US-6,753,522	06-22-2004	Guevremont	250/287
LN	AJ	US-6,770,875	08-03-2004	Guevremont	250/288
LN	AK	US-6,774,360	08-10-2004	Guevremont	250/288
LN	AL	US-6,787,765	09-07-2004	Guevremont	250/288
LN	AM	US-6,799,355	10-05-2004	Guevremont	250/287
LN	AN	US-6,806,466-B2	10-19-2004	Guevremont	250/287

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LN	BA	WO 01/69217 A2	09-20-2001	National Research Council Canada	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
LN	CA	Beverly, M.B. et al., "A Rapid Approach for the Detection of Dipicolinic Acid in Bacterial Spores Using Pyrolysis/Mass Spectrometry," Rapid Communications in Mass Spectrometry, Vol. 10, 455-458 (1996).		
LN	CB	Dworzanski, J.P. et al., "Field-Portable, Automated Pyrolysis-GC/IMS System for Rapid Biomarker Detection in Aerosols: A Feasibility Study," Field Analytical Chemistry and Technology, Vol. 1, No. 5, 295-305, (1997).		
LN	CC	Krylov, E.V., "Comparison of the Planar and Coaxial Field Asymmetrical Waveform Ion Mobility Spectrometer (FAIMS)," International Journal of Mass Spectrometry, 225, (2003) pp. 39-51.		
LN	CD	Krylova, N. et al., "Effect of Moisture on the Field Dependence of Mobility for Gas-Phase Ions of Organophosphorus compounds at Atmospheric Pressure with Field Asymmetric Ion Mobility Spectrometry," J. Phys. Chem. A, Vol. 107, 3648-3654.		
LN	CE	Snyder, A.P., "Detection of the Picolinic Acid Biomarker in Bacillus Spores Using a Potentially Field-Portable Pyrolysis - Gas Chromatography - Ion Mobility Spectrometry System," Field Analytical Chemistry and Technology, Vol. 1, No. 1, pp. 49-58 (1996).		

Examiner Signature 9581068_1		Date Considered	07/25/05
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		Art Unit	2853		
		Examiner Name	<del>Not Yet Assigned</del> LAM NGUYEN		
Sheet	2	of	2	Attorney Docket Number	SION-P02-006

LN	CF	Thornton, S.N. et al., "Feasibility of Detecting Dipicolinic Acid in Bacillus Spores Using a Handheld IMS Device with Pyrolysis GC," Proceedings of the 1994 ERDEC Scientific Conference on Chemical and Biological Defense Research, November 1994, Aberdeen Proving Grounds, MD, 1996, pp. 601-607.	
LN	CG	Thornton, S.N. et al., "Pyrolysis-Gas Chromatography/Ion Mobility Spectrometry Detection of the Dipicolinic Acid Biomarker in Bacillus Subtilis Spores During Field Bioaerosol Releases," Field analytical Methods for Hazardous Wastes and Toxic Chemicals: Proceedings of a Specialty Conference, January 1997, Las Vegas, NV.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	07/25/2005
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